

Appendix B

Meteorological Data

This section contains meteorological data derived from various regulatory and non-regulatory sites. The data provides a comparative analysis of winds speed, wind direction, wind gusts and concentration data. Please note that meteorological instruments measure at different heights, and at different time intervals. By taking, the actual time of measurement and assuring that all data represented is in Pacific Standard Time (PST) there is uniformity of the data. In addition, not all stations measure at the exact same time, i.e. measurements at 053 and 056 therefore, comparisons are measurements within a 60-minute period. While there may be some overlapping and slight differences the comparative analysis provides the reader with a better understanding of the regional effect of the Exceptional Event.

FIGURE B-1
METEOROLOGICAL SITES IN SOUTHEASTERN CALIFORNIA AND YUMA, ARIZONA

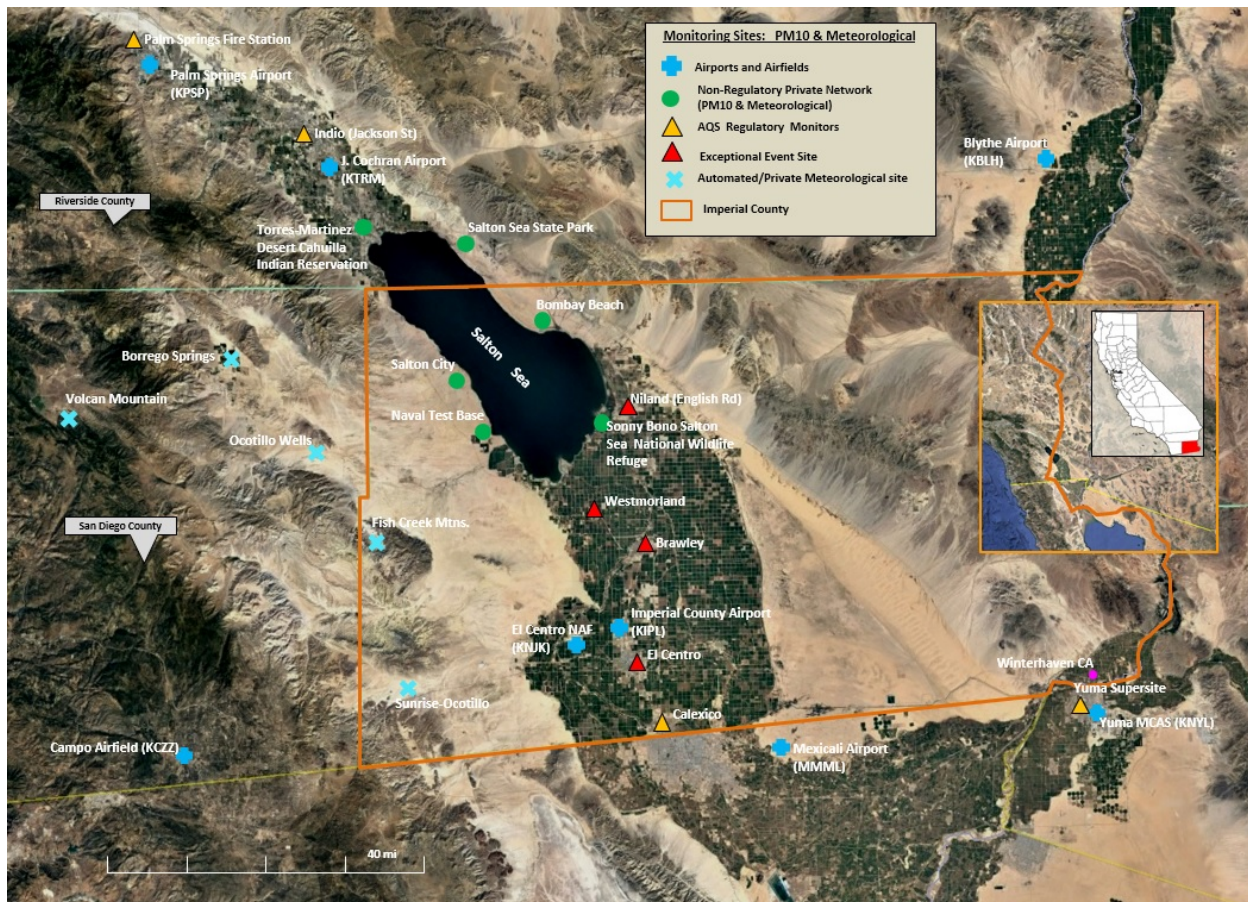


Fig B-1: This image shows the meteorological sites and the air quality monitoring sites used in this document. Google Earth base map. Inset locator map of California from Wikipedia

IMPERIAL COUNTY SITES

FIGURES B-2 THROUGH B-13

FIGURE B-2
IMPERIAL COUNTY AIRPORT (KIPL)
WIND SPEED & GUSTS (AVERAGES) AND DIRECTION

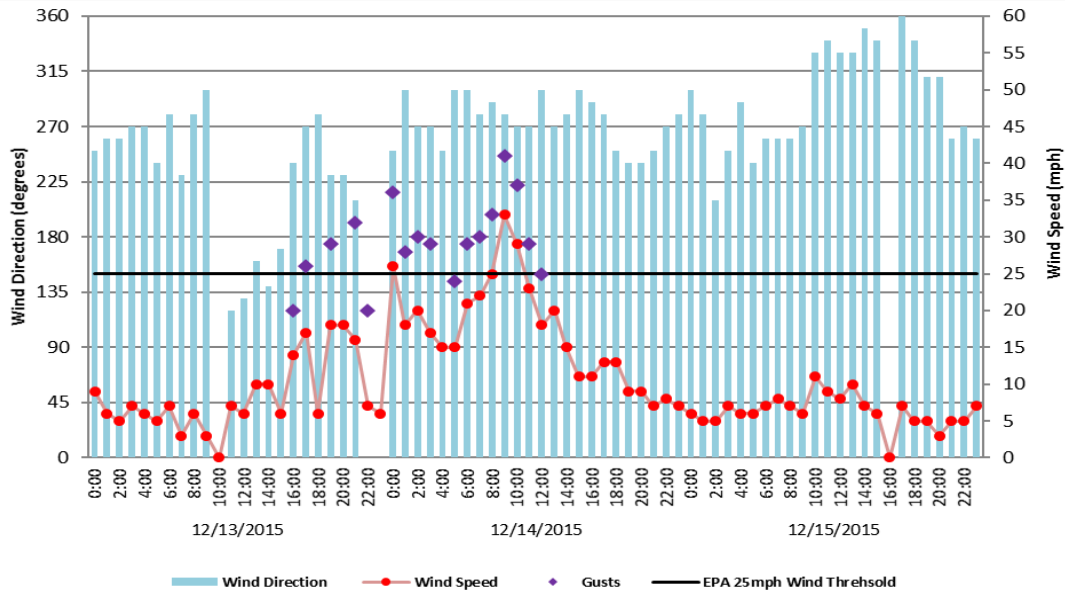
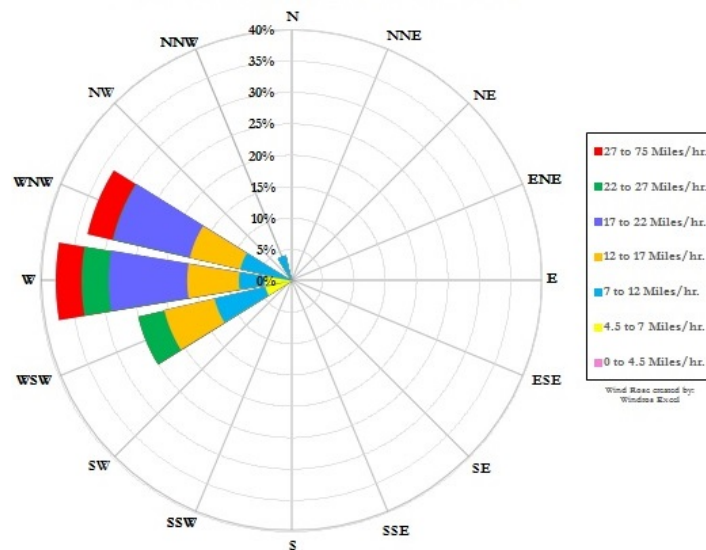


FIGURE B-3
IMPERIAL COUNTY AIRPORT (KIPL) WIND ROSE
DECEMBER 14, 2015



Figs B-2 & B-3: Wind data from the NCEI's QCLCD system

FIGURE B-4
EL CENTRO NAF (KNJK)
WIND SPEED & GUSTS (AVERAGES) AND DIRECTION

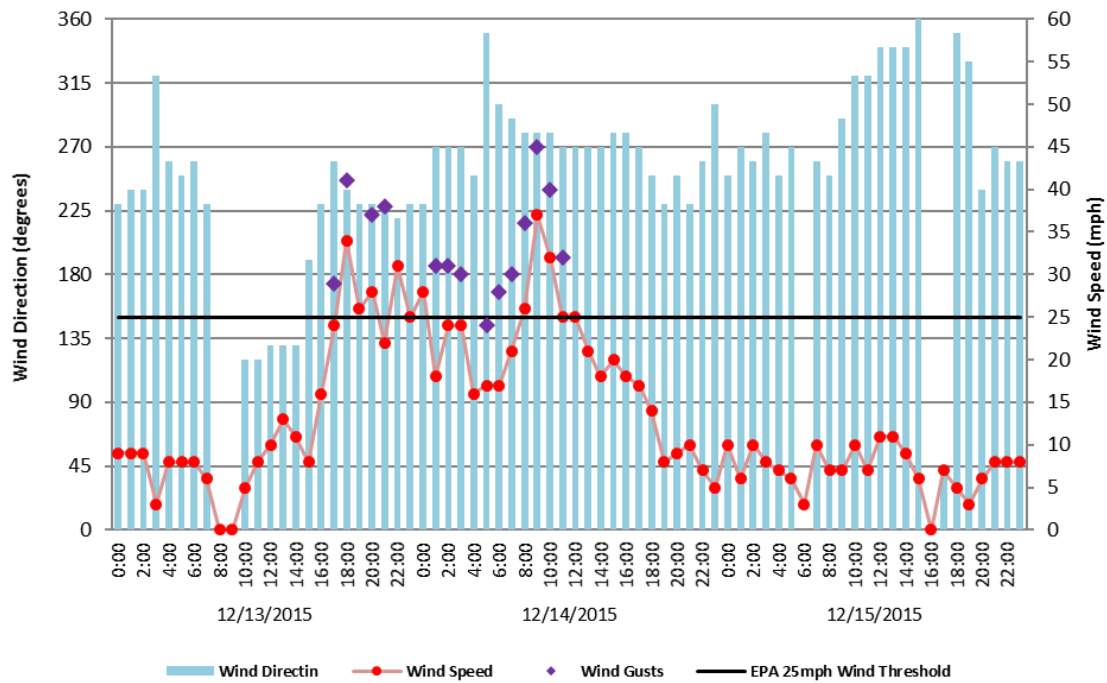
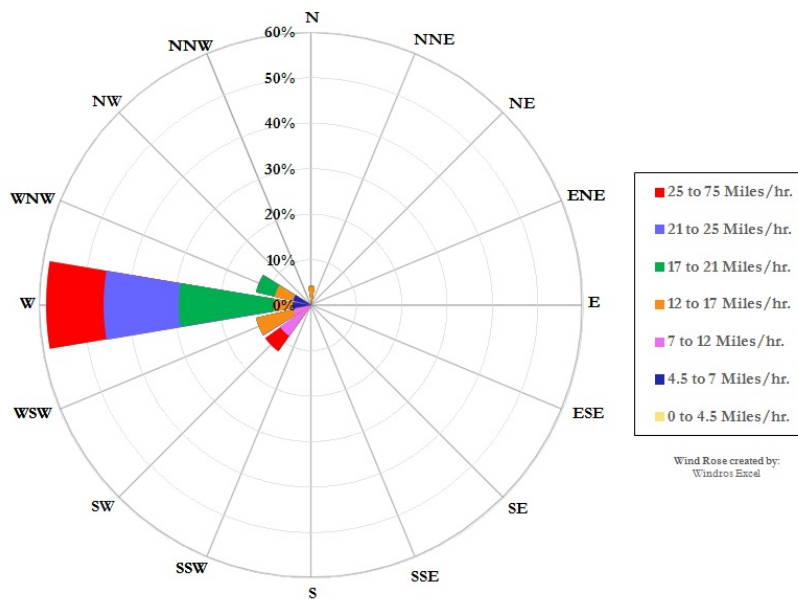
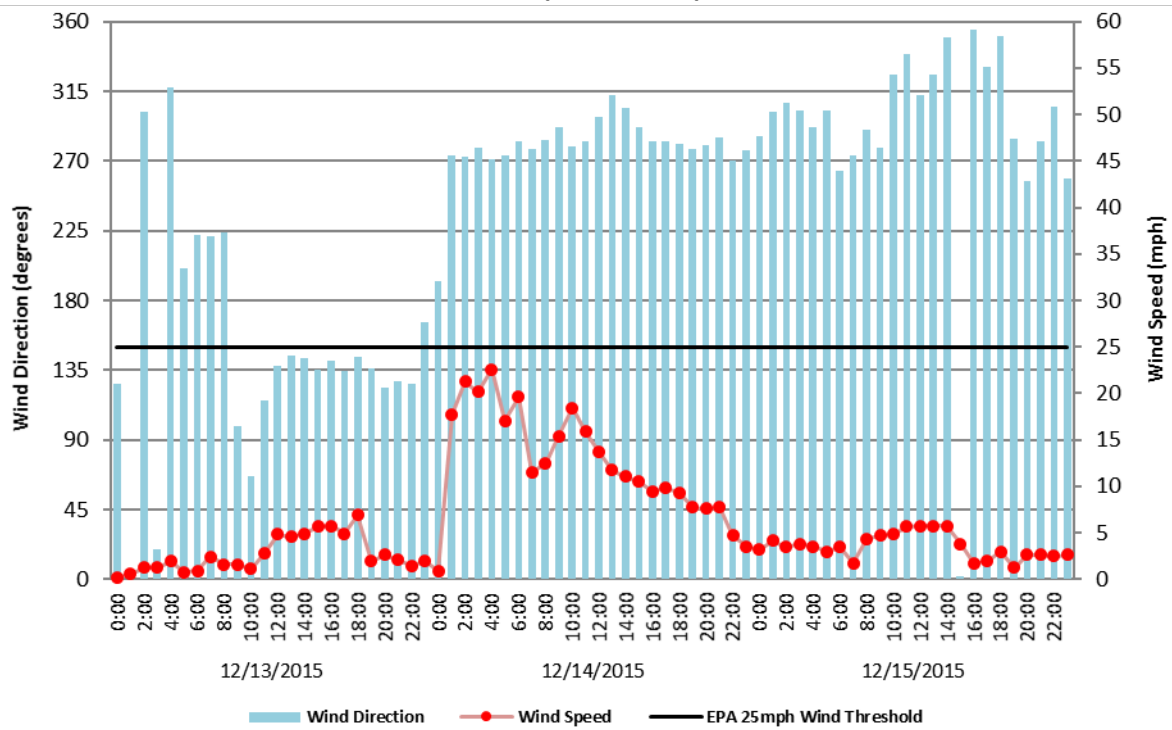


FIGURE B-5
EL CENTRO NAF (KNJK) WIND ROSE
DECEMBER 14, 2015

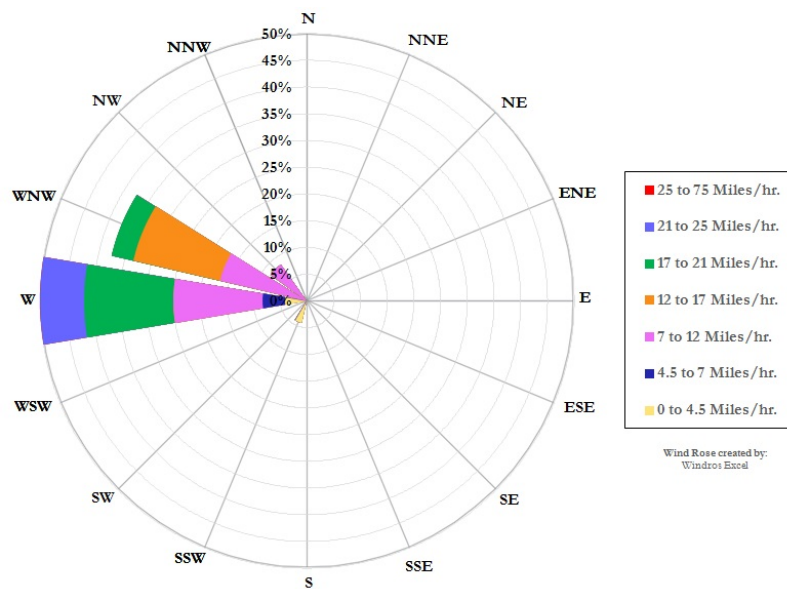


Figs B-4 & B-5: Wind data from the NCEI's QCLCD system

**FIGURE B-6
CALEXICO (ETHEL ST)
WIND SPEED & GUSTS (AVERAGES) AND DIRECTION**



**FIGURE B-7
CALEXICO WIND ROSE
DECEMBER 14, 2015**



Figs B-6 & B-7: Wind data from the EPA's AQS data bank

FIGURE B-8
EL CENTRO (9TH ST)
WIND SPEED & GUSTS (AVERAGES) AND DIRECTION

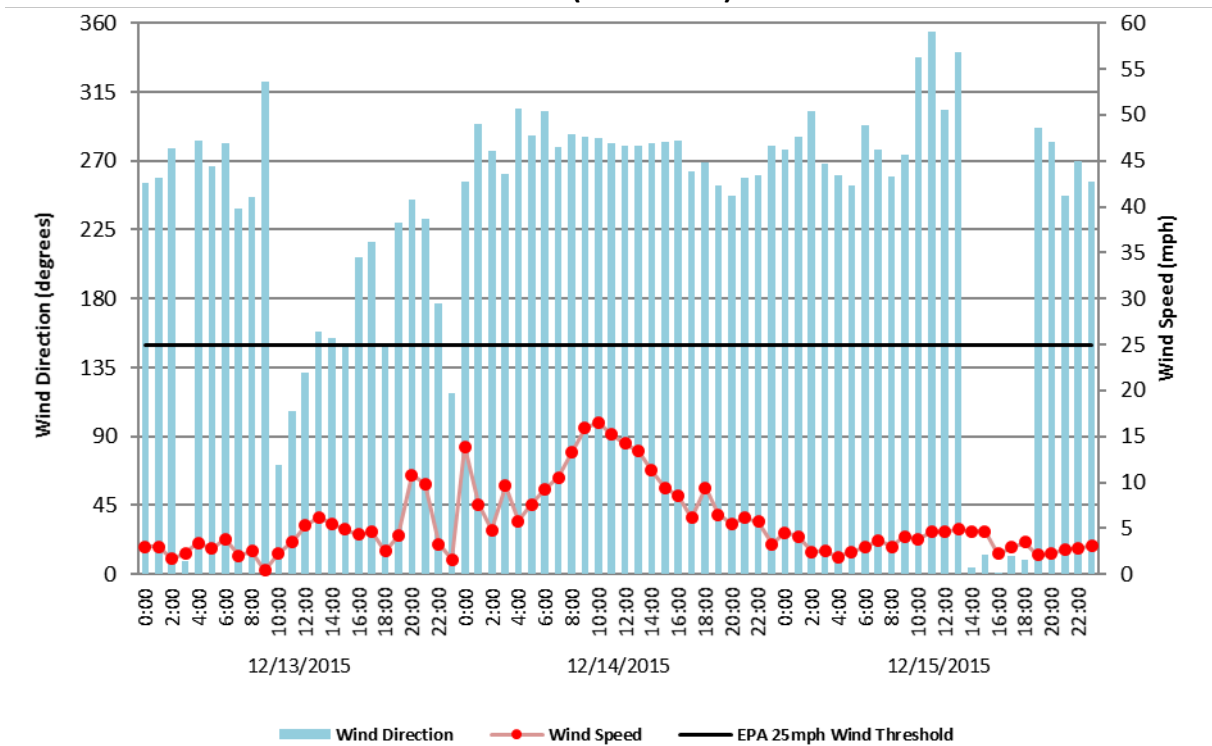
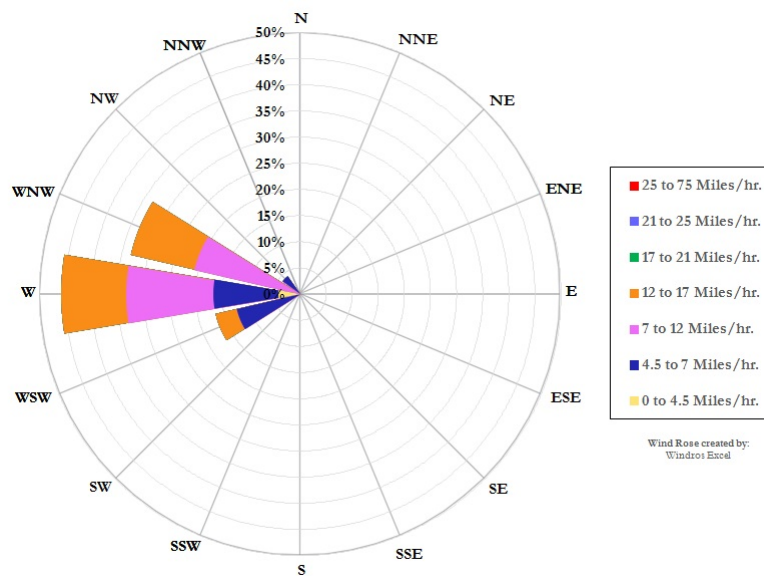


FIGURE B-9
EL CENTRO WIND ROSE
DECEMBER 14, 2015



Figs B-8 & B-9: Wind data from the EPA's AQS data bank

FIGURE B-10
NILAND (ENGLISH RD)
WIND SPEED & GUSTS (AVERAGES) AND DIRECTION

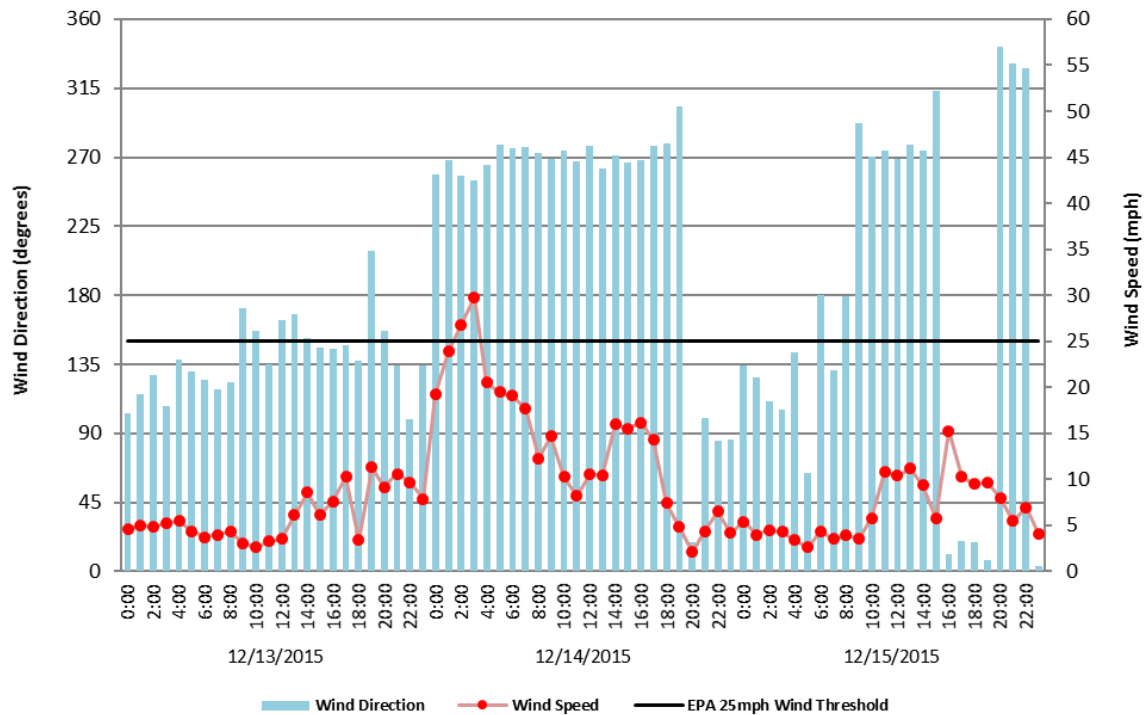
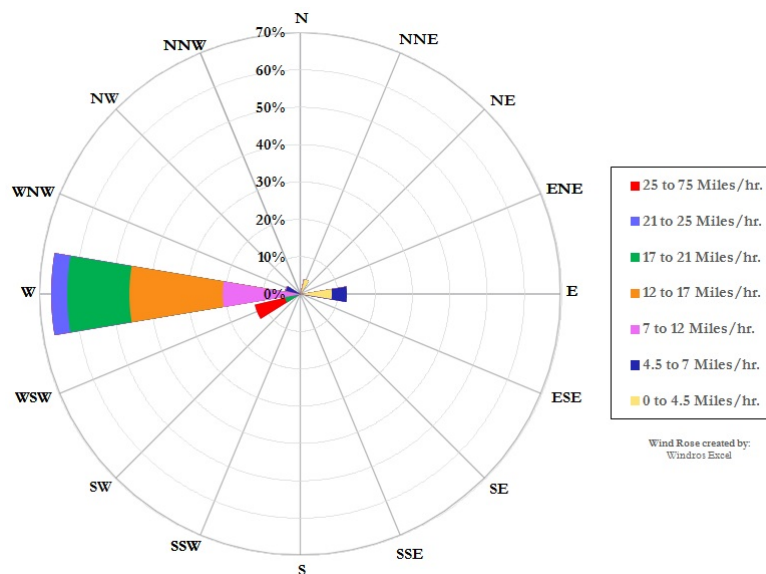
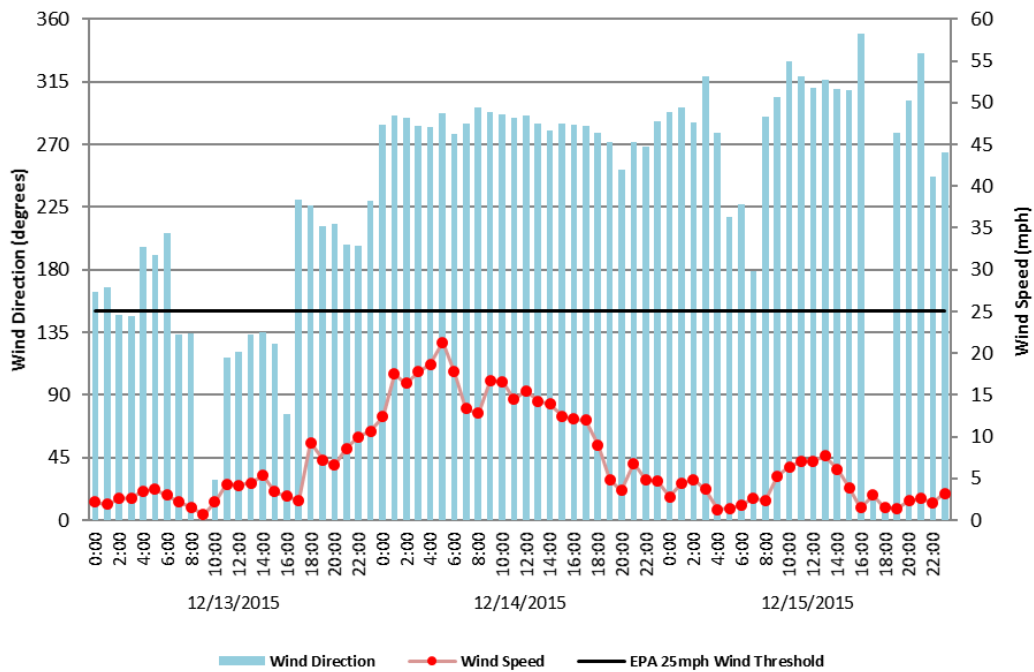


FIGURE B-11
NILAND WIND ROSE
DECEMBER 14, 2015

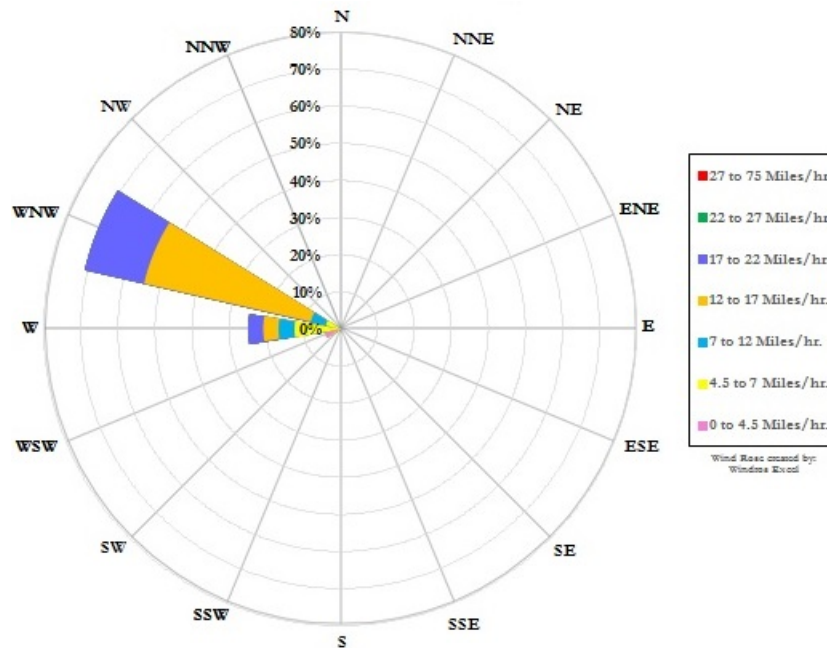


Figs B-10 & B-11: Wind data from the EPA's AQS data bank

**FIGURE B-12
WESTMORLAND
WIND SPEED & GUSTS (AVERAGES) AND DIRECTION**



**FIGURE B-13
WESTMORLAND WIND ROSE
DECEMBER 14, 2015**



Figs B-12 & B-13: Strong WNW winds are confirmed by the wind rose at Westmorland

RIVERSIDE COUNTY AND YUMA COUNTY SITES

FIGURE B-14
PALM SPRINGS INTERNATIONAL AIRPORT (KPSP)
WIND SPEED & GUSTS (AVERAGES) AND DIRECTION

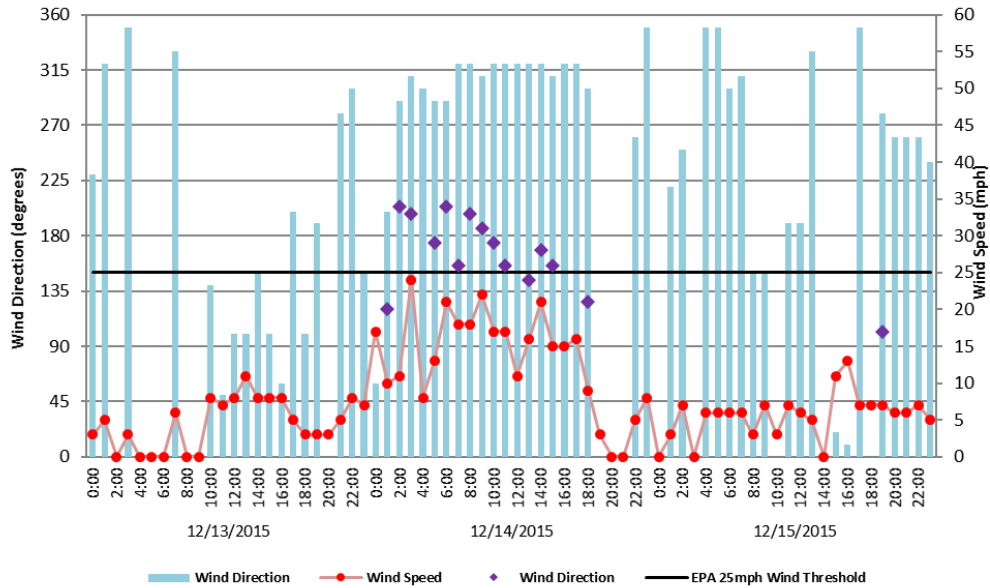


Fig B-14: Data from the NCEI's QCLCD system

FIGURE B-15
JACQUELINE COCHRAN AIRPORT (KTRM)
WIND SPEED & GUSTS (AVERAGES) AND DIRECTION

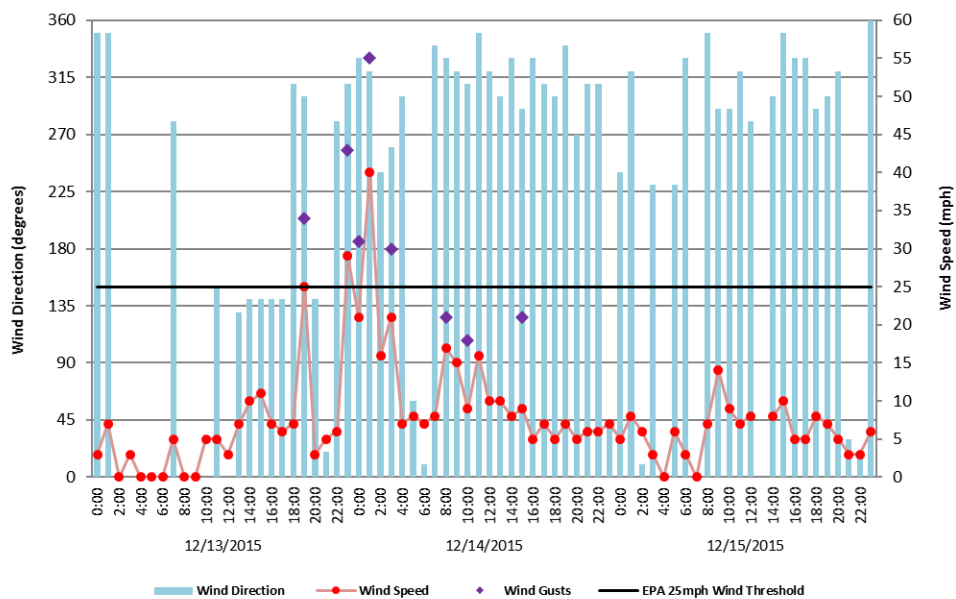


Fig B-15: Data from the NCEI's QCLCD system

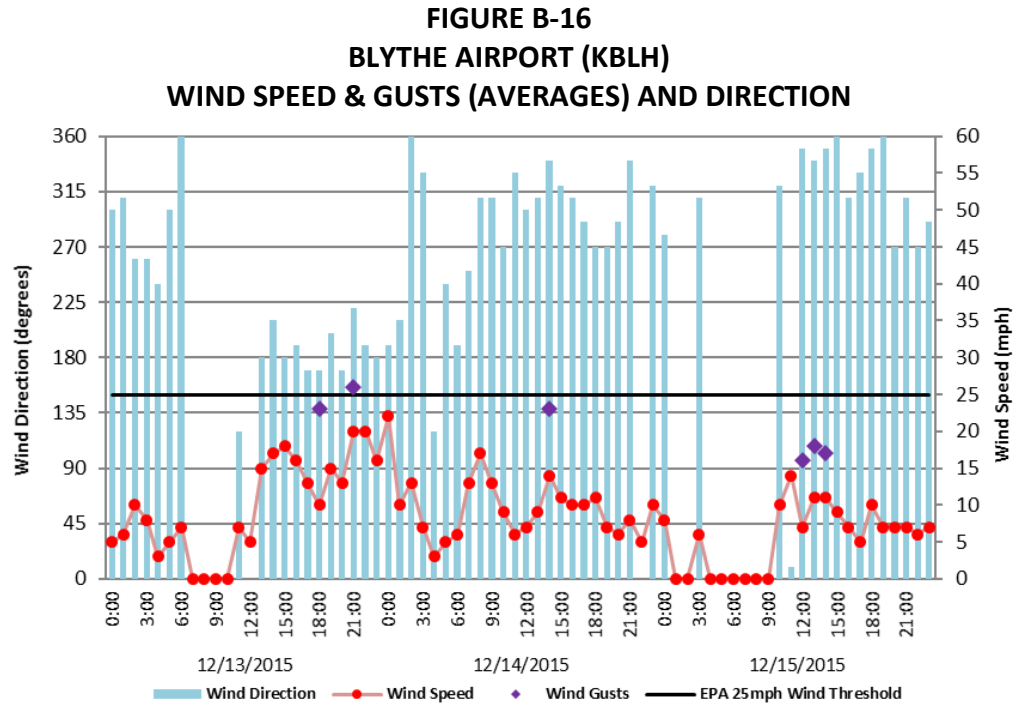


Fig B-16: Data from the NCEI's QCLCD system

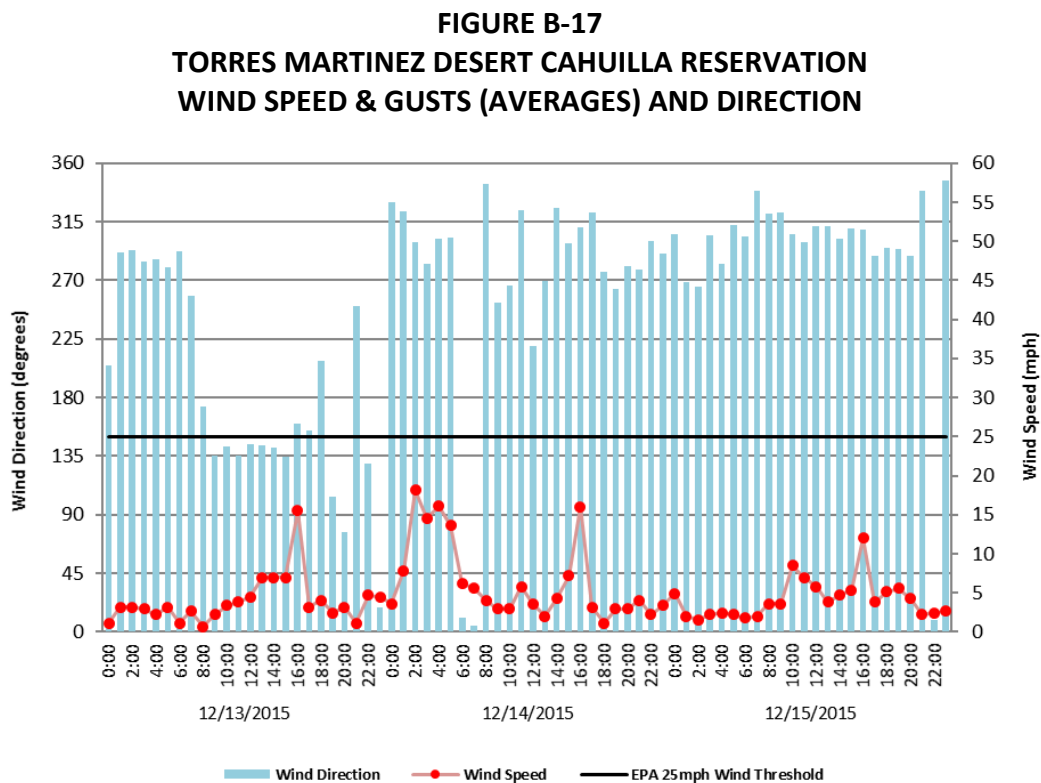


Fig B-17: Data from the NCEI's QCLCD system

SOUTHWESTERN ARIZONA

FIGURE B-18
YUMA, ARIZONA MCAS (KNYL)
WIND SPEED & GUSTS (AVERAGES) AND DIRECTION

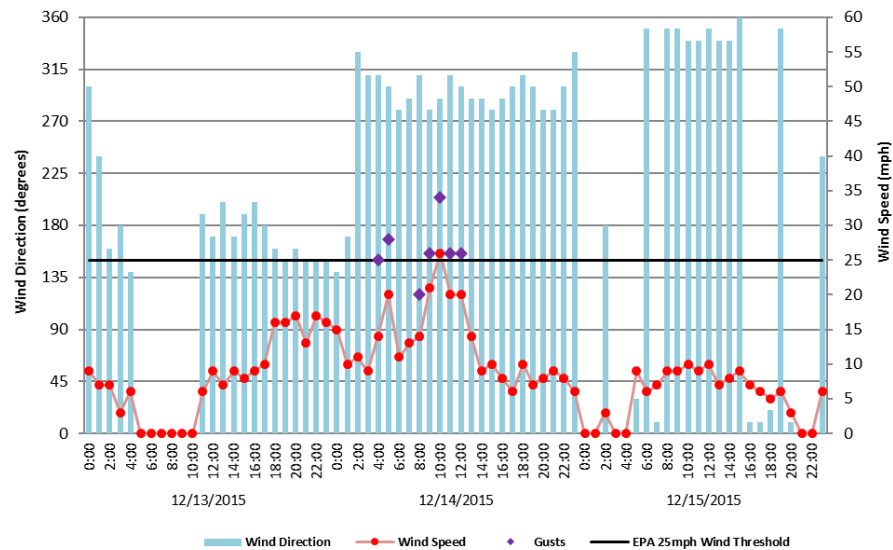


Fig B-18: Data from the NCEI's QCLCD system

SAN DIEGO COUNTY

FIGURE B-19
CAMP AIRPORT (KCZZ)
WIND SPEED & GUSTS (AVERAGES) AND DIRECTION

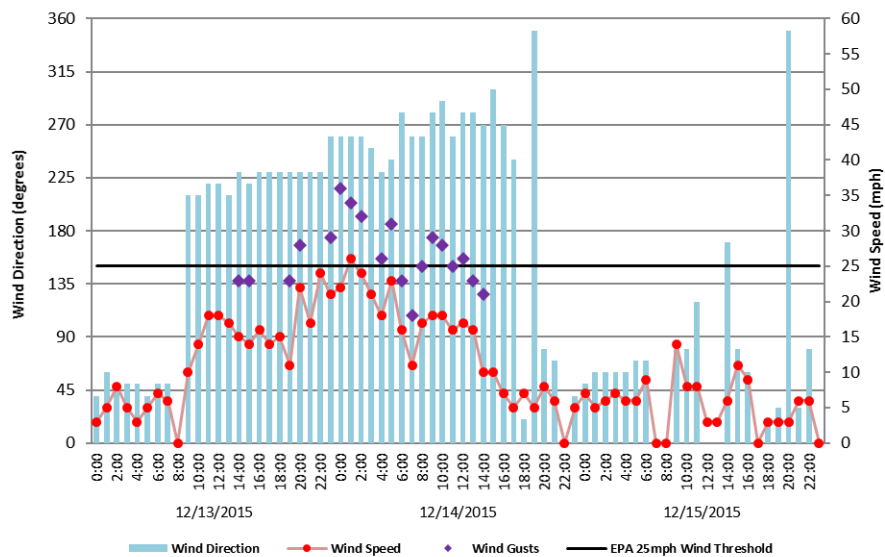


Fig B-19: Data from the NCEI's QCLCD system

UPSTREAM SITES

FIGURE B-20
FISH CREEK MOUNTAINS
WIND SPEED & GUSTS (AVERAGES) AND DIRECTION

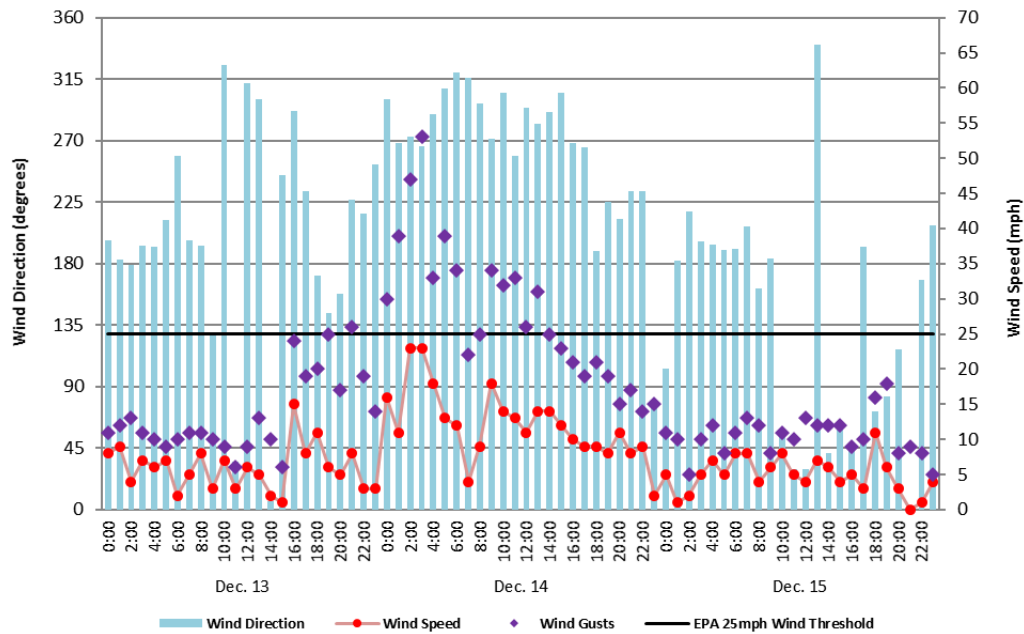
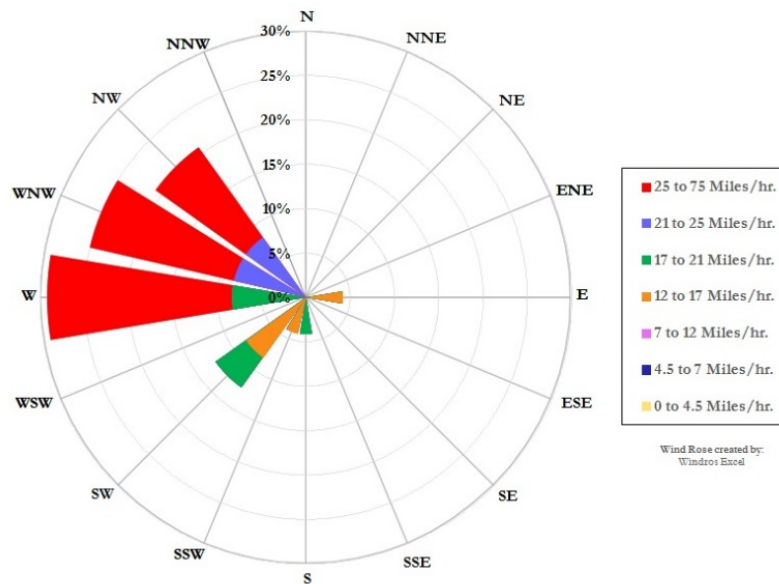
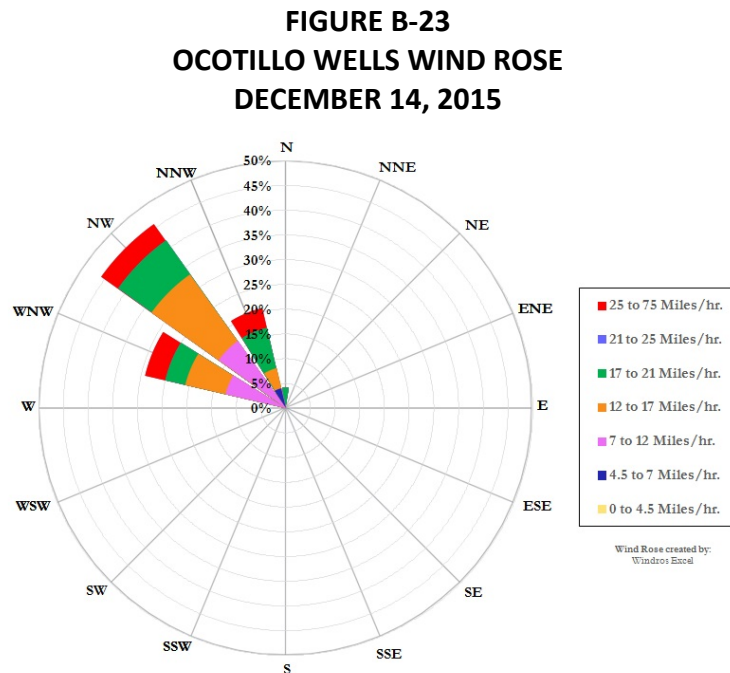
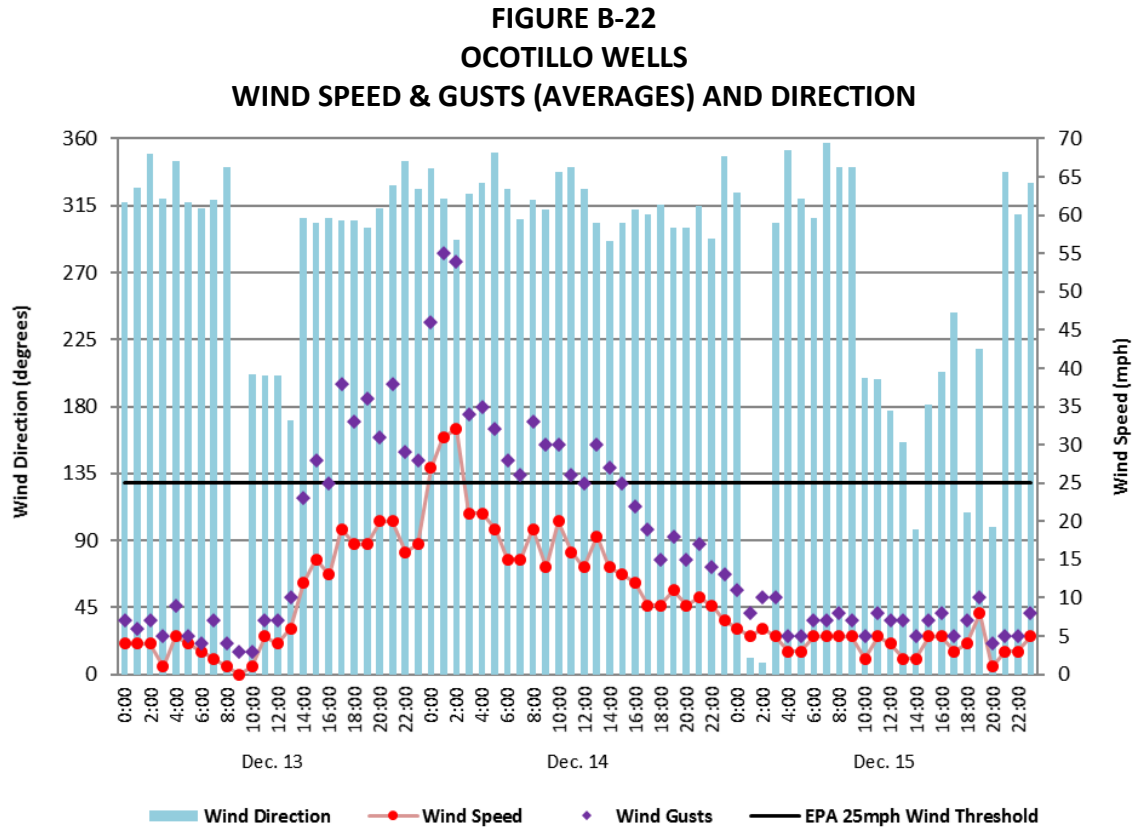


FIGURE B-21
FISH CREEK MOUNTAINS WIND ROSE
DECEMBER 14, 2015



Figs B-20 & B-21: Wind rose is for gusts. Wind data is from the University of Utah's MesoWest. Station ID: FHCC1



Figs B-22 & B-23: Wind data is from the University of Utah's MesoWest. Station ID: AS398/KD6RSQ5

FIGURE B-24
SUNRISE-OCOTILLO
WIND SPEED & GUSTS (AVERAGES) AND DIRECTION

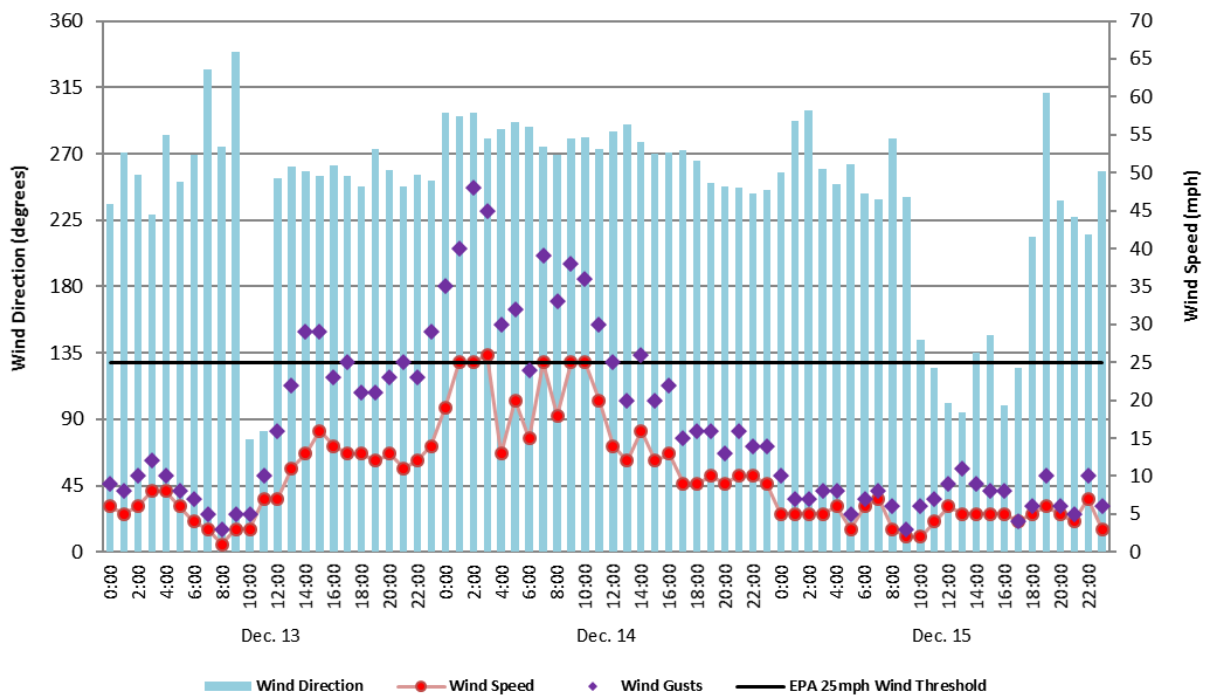
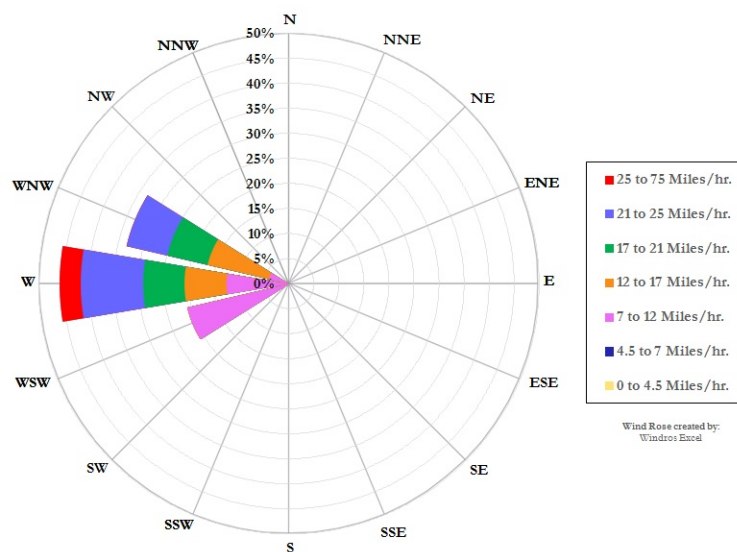


FIGURE B-25
SUNRISE-OCOTILLO WIND ROSE
DECEMBER 14, 2015



Figs B-24 & B-25: Wind data is from the University of Utah's MesoWest. Station ID: AS398/KD6RSQ5

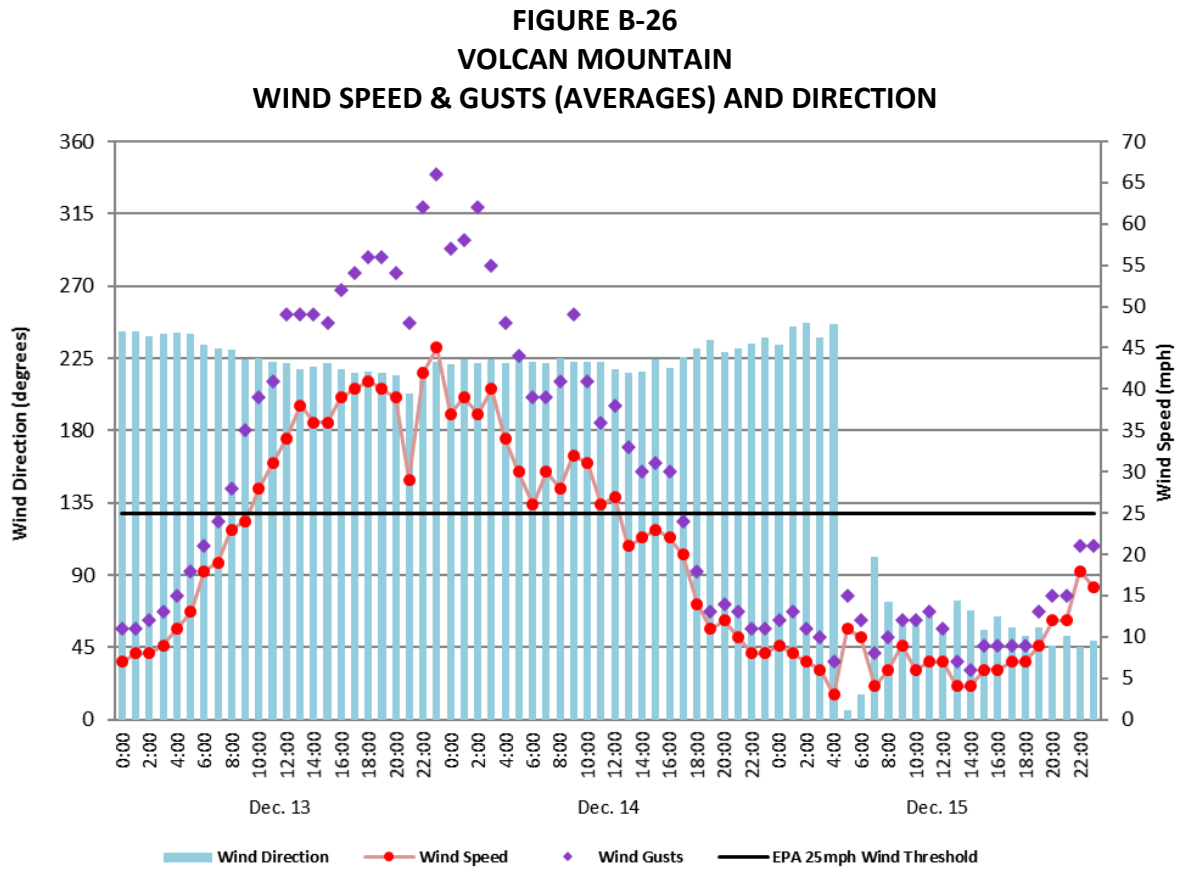
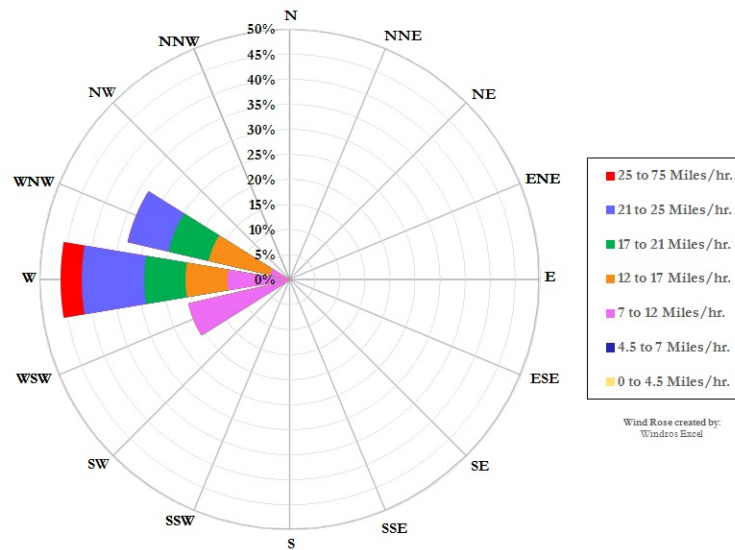


FIGURE B-27
VOLCAN MOUNTAIN WIND ROSE
DECEMBER 14, 2015



Figs B-26 & B-27: Wind data is from the University of Utah's MesoWest. Station ID: VCMSD

FIGURE B-28
NAVAL TEST BASE
WIND SPEED AND DIRECTION

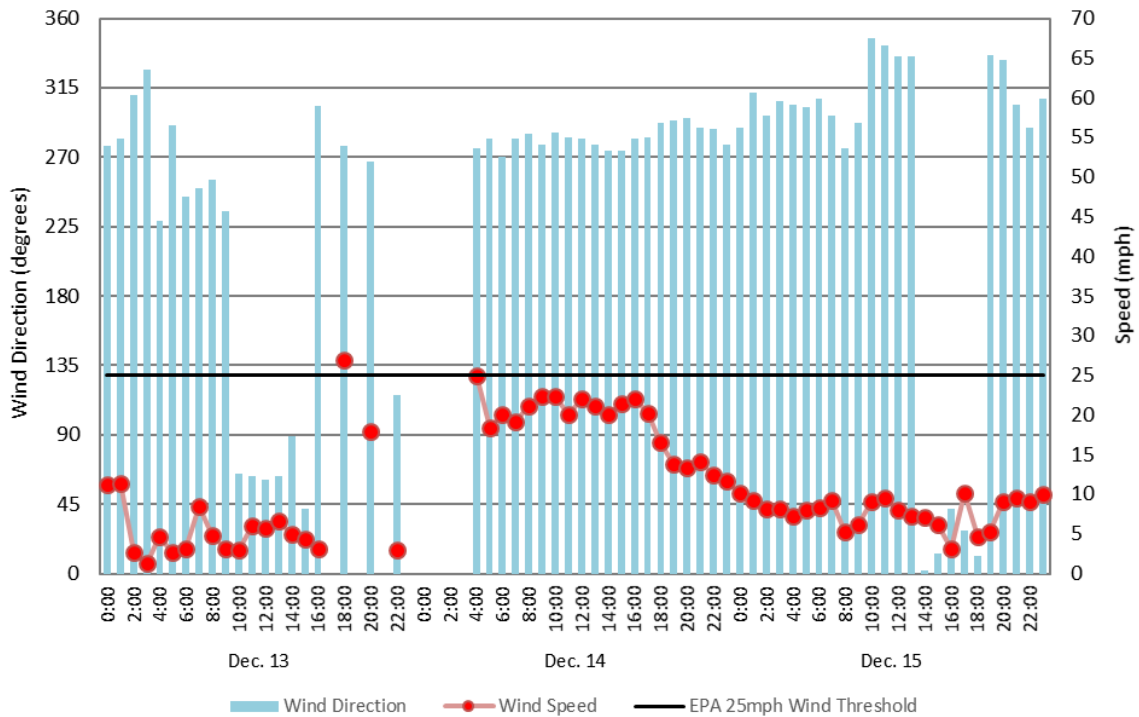
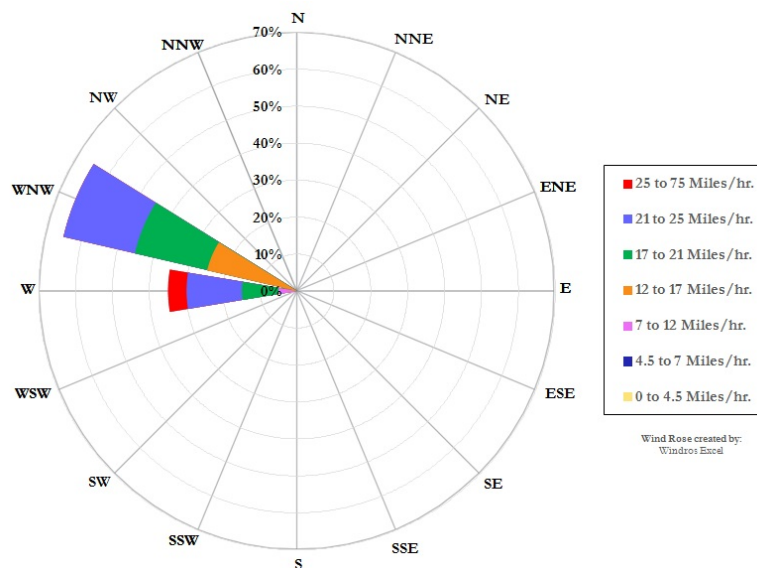
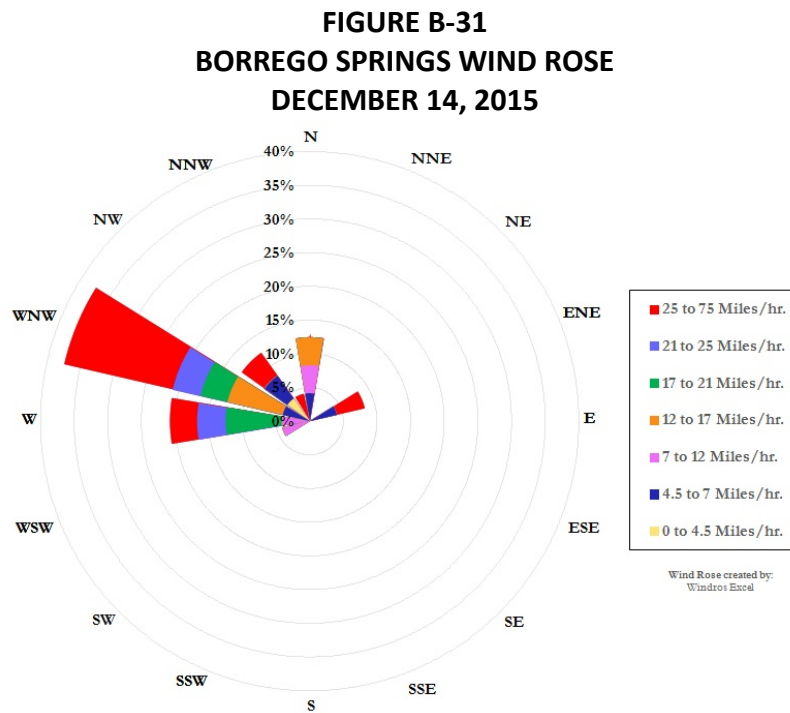
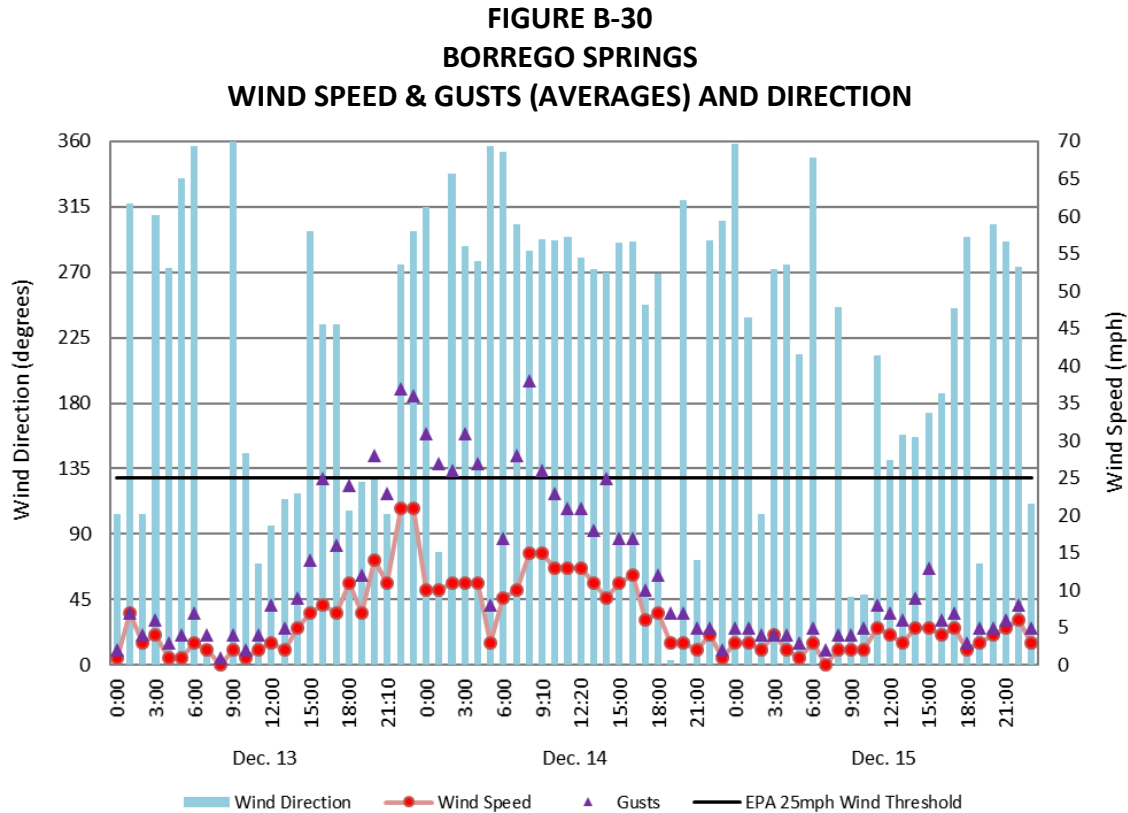


FIGURE B-29
NAVAL TEST BASE WIND ROSE
DECEMBER 14, 2015



Figs B-28 & B-29: Wind data is from AQMIS2



Figs B-30 & B-31: Wind data is from the University of Utah's MesoWest. Station ID: BRGSD

FIGURE B-32 **IMPERIAL COUNTY AIRPORT QCLCD**

U.S. Department of Commerce
National Oceanic & Atmospheric Administration

QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801

HOURLY OBSERVATIONS TABLE IMPERIAL COUNTY AIRPORT (03144) IMPERIAL, CA (12/2015)

Elevation: -58 ft. below sea level
Latitude: 32.834
Longitude: -115.578
Data Version: VER2

Date	Time (LST)	Station Type	Sky Conditions	Visibility (SM)	Weather Type	Dry Bulb Temp (F)	Wet Bulb Temp (F)	Dew Point Temp (F)	Rel Humd (%)	Wind Speed (MPH)	Wind Dir	Wind Gust (MPH)	Station Pressure (in. hg)	Press Tend	Net 3-hr Chg (mb)	Sea Level Pressure (in. hg)	Report Type	Precip. Total (in)	Alt-meter (in. hg)			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
13	0053	12	CLR	10.00		48	8.9	39	4.1	27	-2.8	44	9	250		30.10		30.04	AA		30.04	30.04
13	0153	12	CLR	10.00		49	9.4	40	4.4	27	-2.8	43	6	260		30.10		30.04	AA		30.04	30.03
13	0253	12	CLR	10.00		47	8.3	39	3.8	27	-2.8	46	5	260		30.10		30.03	AA		30.04	30.04
13	0353	12	CLR	10.00		49	9.4	40	4.2	26	-3.3	41	7	270		30.09		30.03	AA		30.03	30.03
13	0453	12	CLR	10.00		43	6.1	37	2.5	27	-2.8	53	6	270		30.09		30.03	AA		30.03	30.03
13	0553	12	CLR	10.00		42	5.6	36	2.2	27	-2.8	55	5	240		30.10		30.04	AA		30.04	30.04
13	0653	12	CLR	10.00		42	5.6	36	2.1	26	-3.3	53	7	280		30.11		30.04	AA		30.04	30.05
13	0753	12	CLR	10.00		48	8.9	40	4.3	28	-2.2	46	3	230		30.11		30.05	AA		30.05	30.05
13	0853	12	CLR	10.00		55	12.8	44	6.8	31	-0.6	40	6	280		30.12		30.06	AA		30.06	30.06
13	0953	12	CLR	10.00		61	16.1	47	8.3	30	-1.1	31	3	300		30.12		30.06	AA		30.06	30.06
13	1024	12	FEW003	8.00		65	18.3	48	9.0	28	-2.2	25	0	000		30.11		M	SP		30.05	30.05
13	1053	12	CLR	10.00		65	18.3	48	8.8	27	-2.8	24	0	000		30.10		30.03	AA		30.03	30.04
13	1153	12	CLR	10.00		67	19.4	50	10.2	30	0.0	32	7	120		30.04		29.98	AA		29.98	29.98
13	1253	12	CLR	10.00		70	21.1	51	10.4	29	-1.7	22	6	130		30.01		29.95	AA		29.95	29.95
13	1353	12	CLR	10.00		71	21.7	50	9.9	24	-4.4	17	10	160		29.98		29.92	AA		29.92	29.92
13	1453	12	CLR	10.00		72	22.2	50	10.2	24	-4.4	16	10	140		29.96		29.90	AA		29.90	29.90
13	1553	12	CLR	10.00		72	22.2	50	10.2	24	-4.4	16	9	170		29.96		29.89	AA		29.89	29.89
13	1653	12	CLR	10.00		68	20.0	53	11.8	39	3.9	35	14	240		29.94		29.88	AA		29.88	29.88
13	1753	12	CLR	10.00		66	18.9	52	10.9	37	2.8	34	17	270		29.92		29.86	AA		29.86	29.86
13	1853	12	CLR	10.00		62	16.7	48	8.9	32	0.0	32	6	14		29.96		29.89	AA		29.89	29.89
13	1953	12	CLR	10.00		65	18.3	54	12.0	43	6.1	45	18	230		29.94		29.88	AA		29.88	29.88
13	2053	12	CLR	10.00		64	17.8	53	11.7	43	6.1	47	18	230		29.92		29.86	AA		29.86	29.86
13	2153	12	CLR	10.00		65	18.3	54	12.0	43	6.1	45	16	210		29.92		29.83	AA		29.83	29.83
13	2253	12	CLR	10.00		64	17.8	54	11.9	44	6.7	48	7	VR		29.87		29.79	AA		29.79	29.79
13	2353	12	SCT085	10.00		65	18.3	54	12.2	44	6.7	47	6	VR		29.84		29.78	AA		29.78	29.78

Dynamically generated Tue May 03 19:12:25 EDT 2016 via <http://www.ncdc.noaa.gov/qclcd/QCLCD>

U.S. Department of Commerce
National Oceanic & Atmospheric Administration

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
14	0053	12	BKN070	10.00		65	18.3	55	12.7	46	7.8	50	26	250	36	29.83		29.77	AA		29.77	
14	0126	12	SCT022 OVC070	3.00	HZ	62	16.7	51	10.8	41	5.0	46	11	310	20	29.85		M	SP		29.79	
14	0133	12	SCT017 OVC070	2.50	HZ	62	16.7	51	10.5	40	4.4	45	16	300	20	29.86		M	SP		29.80	
14	0148	12	BKN015 OVC070	1.75	HZ	61	16.0	49	9.4	36	2.0	39	15	310	28	29.86		M	SP		29.80	
14	0151	12	BKN013 OVC070	1.50	HZ	61	16.0	49	9.4	36	2.0	39	17	310	25	29.86		M	SP		29.80	
14	0153	12	BKN013 OVC070	1.50	HZ	61	16.1	49	9.2	35	1.7	38	18	300	26	29.86		29.80	AA		29.80	
14	0159	12	SCT013 OVC075	2.00	HZ	61	16.1	49	9.2	35	1.7	38	26	290	26	29.86		M	SP		29.80	
14	0211	12	SCT013 OVC075	3.00	HZ	61	16.1	49	9.4	36	2.2	39	15	290		29.87		M	SP		29.81	
14	0227	12	SCT016 OVC075	2.50	HZ	61	16.1	49	9.2	35	1.7	38	18	290		29.88		M	SP		29.82	
14	0243	12	BKN018 OVC075	4.00	HZ	60	15.6	49	9.2	36	2.2	41	18	280	23	29.87		M	SP		29.81	
14	0253	12	BKN020 OVC080	4.00	HZ	59	15.0	48	8.9	36	2.2	42	20	270	30	29.86		29.80	AA		29.80	
14	0335	12	SCT016	8.00		58	14.4	46	7.8	32	0.0	37	17	270	29	29.87		M	SP		29.81	
14	0353	12	CLR	10.00		57	13.9	46	7.6	32	0.0	39	11	340		29.89		29.83	AA		29.83	
14	0414	12	BKN016	4.00	HZ	57	13.9	45	7.4	31	-0.6	37	9	300		29.88		M	SP		29.82	
14	0440	12	BKN014	4.00	HZ	56	13.3	45	7.1	31	-0.6	39	8	290		29.89		M	SP		29.83	
14	0451	12	SCT014	7.00		55	13.0	44	6.6	30	-1.0	39	13	250		29.88		M	SP		29.82	
14	0453	12	SCT014	9.00		55	12.8	44	6.8	31	-0.6	40	15	250		29.88		29.81	AA		29.82	
14	0532	12	BKN024	5.00	HZ	56	13.3	46	7.5	33	0.6	42	14	330	20	29.89		M	SP		29.83	
14	0553	12	OVC024	6.00	HZ	58	14.4	46	7.6	31	-0.6	36	15	300	24	29.90		29.83	AA		29.84	
14	0635	12	SCT018	6.00	HZ	55	12.8	44	6.8	31	-0.6	40	14	310	26	29.91		M	SP		29.85	
14	0653	12	FEW010	4.00	HZ	56	13.3	45	6.9	30	-1.1	37	21	300	29	29.90		29.84	AA		29.84	
14	0731	12	SCT008	3.00	HZ	56	13.3	44	6.7	29	-1.7	36	18	290	30	29.90		M	SP		29.84	
14	0740	12	BKN008	3.00	HZ	56	13.3	44	6.7	29	-1.7	36	21	280	30	29.90		M	SP		29.84	
14	0753	12	BKN009	4.00	HZ	57	13.9	45	7.0	29	-1.7	34	22	280	29	29.90		29.84	AA		29.84	
14	0804	12	SCT009	4.00	HZ	57	13.9	44	6.7	27	-2.8	32	22	280	32	29.90		M	SP		29.84	
14	0809	12	BKN009	2.50	HZ	57	13.9	44	6.7	27	-2.8	32	25	280	32	29.90		M	SP		29.84	
14	0818	12	BKN011	3.00	HZ	58	14.4	45	6.9	27	-2.8	31	25	280	33	29.91		M	SP		29.84	
14	0842	12	SCT013	5.00	HZ	59	15.0	44	6.9	25	-3.9	27	25	290	33	29.91		M	SP		29.85	
14	0853	12	FEW013	8.00		58	14.4	44	6.6	25	-3.9	28	16	300	28	29.93		29.87	AA		29.87	
14	0946	12	SCT013	1.75	HZ	60	15.6	44	6.7	22	-5.6	23	33	280	41	29.93		M	SP		29.87	
14	0951	12	BKN013	1.50	HZ	61	16.0	45	7.1	23	-5.0	23	28	290	41	29.93		M	SP		29.87	
14	0953	12	BKN013	1.50	HZ	60	15.6	44	6.7	22	-5.6	23	29	290	40	29.93		29.87	AA		29.87	
14	1003	12	BKN013	2.50	HZ	61	16.1	45	7.0	22	-5.6	22	26	290	40	29.93		M	SP		29.87	
14	1010	12	BKN013	4.00	HZ	61	16.1	44	6.9	21	-6.1	21	25	290	38	29.94		29.86	AA		29.88	
14	1014	12	FEW009 OVC015	3.00	HZ	61	16.1	45	7.0	22	-5.6	22	30	280	39	29.93		M	SP		29.87	
14	1037	12	SCT021	10.00		62	16.7	45	7.3	22	-5.6	21	29	270	37	29.93		M	SP		29.87	

14	1053	12	CLR	10.00		62	16.7	45	7.1	21	-6.1	21	24	280	34	29.92		29.86	AA		29.86
14	1153	12	CLR	10.00		63	17.2	46	7.7	23	-5.0	22	23	270	29	29.90		29.83	AA		29.84
14	1253	12	CLR	10.00		64	17.8	45	7.4	19	-7.2	18	18	300	25	29.89		29.83	AA		29.83
14	1353	12	CLR	10.00		64	17.8	46	7.7	21	-6.1	21	23	270		29.88		29.82	AA		29.82
14	1453	12	CLR	10.00		63	17.2	45	7.5	22	-5.6	21	15	280		29.89		29.82	AA		29.82
14	1553	12	CLR	10.00		62	16.7	45	7.4	23	-5.0	22	11	300		29.89		29.83	AA		29.83
14	1653	12	CLR	10.00		57	13.9	43	6.2	24	-4.4	23	11	280		29.90		29.84	AA		29.84
14	1753	12	CLR	10.00		56	13.7	43	6.2	26	-3.3	32	13	280		29.92		29.86	AA		29.86
14	1853	12	CLR	10.00		52	11.1	42	5.2	27	-2.8	38	13	250		29.94		29.88	AA		29.88
14	1953	12	CLR	10.00		51	10.6	41	5.0	27	-2.8	39	9	240		29.95		29.89	AA		29.89
14	2053	12	CLR	10.00		50	10.0	41	4.8	28	-2.7	40	8	230		29.96		29.90	AA		29.90
14	2153	12	CLR	10.00		48	8.9	39	4.1	27	-2.8	44	7	250		29.97		29.91	AA		29.91
14	2253	12	CLR	10.00		46	7.8	39	3.6	28	-2.2	50	8	270		29.97		29.91	AA		29.91
14	2353	12	CLR	10.00		44	6.8	37	2.7	28	-3.3	45	7	280		29.97		29.91	AA		29.92

FIGURE B-33 EL CENTRO NAF QCLCD

U.S. Department of Commerce
National Oceanic & Atmospheric Administration

QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA (may be updated) HOURLY OBSERVATIONS TABLE NAF (23199) EL CENTRO, CA (12/2015)

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801

Elevation: -42 ft. below sea level
Latitude: 32.816
Longitude: -115.683
Data Version: VER2

Date	Time (LST)	Station Type	Sky Conditions	Visibility (SM)	Weather Type	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Humd %	Wind Speed (MPH)	Wind Dir	Wind Gusts (MPH)	Station Pressure (in. hg)	Press Tend	Net 3-hr Chg (mb)	Sea Level Pressure (in. hg)	Report Type	Precip. Total (in)	Altitude (in. hg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
13	0056	5	CLR	10.00		43	6.1	35	1.9	23	-5.0	45	9	230		30.10			30.11	AA		30.06
13	0156	5	CLR	10.00		45	7.2	37	2.8	25	-3.9	46	9	240		30.10			30.11	AA		30.06
13	0256	5	CLR	10.00		43	6.1	36	2.4	26	-3.3	51	9	240		30.10			30.10	AA		30.06
13	0356	5	CLR	M		44	6.7	37	2.7	26	-3.3	49	3	320		30.09			30.09	AA		30.05
13	0456	5	CLR	M		47	8.3	38	3.3	24	-4.4	41	8	260		30.09			30.10	AA		30.05
13	0556	5	CLR	M		41	5.0	35	1.6	25	-3.9	53	8	250		30.11			30.11	AA		30.07
13	0656	5	CLR	M		41	5.0	35	1.4	24	-4.4	51	8	260		30.11			30.11	AA		30.07
13	0756	5	CLR	10.00		47	8.3	39	3.6	26	-3.3	44	6	230		30.11			30.11	AA		30.07
13	0856	5	CLR	10.00		54	12.2	44	6.4	30	-1.1	40	0	000		30.11			30.12	AA		30.07
13	0956	5	CLR	10.00		62	16.7	46	7.9	26	-3.3	25	0	000		30.11			30.12	AA		30.07
13	1056	5	CLR	10.00		65	18.3	47	8.5	25	-3.9	22	5	120		30.09			30.10	AA		30.05
13	1156	5	CLR	10.00		68	20.0	50	9.8	28	-2.2	22	8	120		30.04			30.04	AA		30.00
13	1256	5	CLR	10.00		70	21.1	51	10.3	28	-2.2	21	10	130		30.01			30.01	AA		29.97
13	1356	5	CLR	10.00		71	21.7	51	10.4	27	-2.8	19	13	130		29.98			29.98	AA		29.94
13	1456	5	CLR	10.00		71	21.7	51	10.5	28	-2.2	20	11	130		29.96			29.96	AA		29.92
13	1556	5	CLR	10.00		71	21.7	51	10.5	28	-2.2	20	8	190		29.96			29.96	AA		29.92
13	1656	5	CLR	10.00		67	19.4	53	11.6	39	3.9	36	16	230		29.94			29.95	AA		29.90
13	1756	5	CLR	10.00		66	18.9	51	10.7	36	2.2	33	24	260	29	29.93			29.93	AA		29.89
13	1856	5	CLR	10.00		64	17.8	53	11.5	42	5.6	45	34	240	41	29.95			29.96	AA		29.91
13	1956	5	CLR	10.00		63	17.2	53	11.7	44	6.7	50	26	230		29.94			29.95	AA		29.90
13	2056	5	CLR	10.00		63	17.2	53	11.5	43	6.1	48	28	230	37	29.92			29.92	AA		29.88
13	2156	5	CLR	10.00		64	17.8	54	12.2	45	7.2	50	22	230	38	29.88			29.88	AA		29.84
13	2256	5	CLR	10.00		63	17.2	54	11.9	45	7.2	52	31	220		29.85			29.86	AA		29.81
13	2356	5	SCT085	10.00		64	17.8	54	12.2	45	7.2	50	25	230		29.85			29.85	AA		29.81

Dynamically generated Tue May 03 19:09:13 EDT 2016 via <http://www.ncdc.noaa.gov/qclcd/QCLCD>

U.S. Department of Commerce
National Oceanic & Atmospheric Administration

QUALITY CONTROLLED LOCAL CLIMATOLOGICAL DATA (may be updated) HOURLY OBSERVATIONS TABLE NAF (23199) EL CENTRO, CA (12/2015)

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801

Elevation: -42 ft. below sea level
Latitude: 32.816
Longitude: -115.683
Data Version: VER2

Date	Time (LST)	Station Type	Sky Conditions	Visibility (SM)	Weather Type	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Humd %	Wind Speed (MPH)	Wind Dir	Wind Gusts (MPH)	Station Pressure (in. hg)	Press Tend	Net 3-hr Chg (mb)	Sea Level Pressure (in. hg)	Report Type	Precip. Total (in)	Altitude (in. hg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
14	0056	5	BKN070 BKN080	10.00		64	17.8	54	12.4	46	7.8	52	28	230		29.85			29.85	AA		29.81
14	0119	5	BKN014 BKN070	4.00	HZ	62	16.7	51	10.5	40	4.4	45	18	270		29.86			29.86	M	SP	29.82
14	0149	5	SCT011	7.00		60	15.6	48	9.0	35	1.7	39	18	250	31	29.86			29.86	M	SP	29.82
14	0154	5	FEW009	8.00		61	16.0	49	9.4	36	2.0	39	15	250	25	29.86			29.86	M	SP	29.82
14	0156	5	FEW017	8.00		60	15.6	49	9.2	36	2.2	41	18	270	25	29.87			29.87	M	SP	29.83
14	0216	5	BKN018 BKN070	4.00	HZ	60	15.6	48	9.0	35	1.7	39	24	270	30	29.87			29.87	M	SP	29.83
14	0224	5	SCT020 SCT075	7.00		60	15.6	48	9.0	35	1.7	39	17	270	31	29.87			29.87	M	SP	29.83
14	0241	5	BKN027 BKN080	6.00	HZ	59	15.0	47	8.5	34	1.1	39	10	330		29.89			29.89	M	SP	29.85
14	0256	5	BKN023 OVC085	3.00	HZ	59	15.0	47	8.1	32	0.0	36	18	270	24	29.90			29.90	AA		29.86
14	0305	5	OVC017	3.00	HZ	59	15.0	46	7.9	31	-0.6	35	24	270	30	29.89			29.89	M	SP	29.85
14	0323	5	SCT013	7.00		58	14.4	46	7.5	30	-1.1	35	20	270		29.88			29.88	M	SP	29.84
14	0356	5	CLR	10.00		56	13.3	45	6.9	30	-1.1	37	17	240		29.88			29.88	AA		29.84
14	0456	5	CLR	10.00		54	12.2	44	6.4	30	-1.1	40	16	250		29.89			29.89	AA		29.85
14	0554	5	FEW250	2.50	HZ	54	12.0	44	6.7	32	0.0	43	17	350	24	29.90			29.90	M	SP	29.86
14	0556	5	FEW250	2.50	HZ	54	12.2	44	6.7	32	0.0	43	15	350		29.90			29.90	AA		29.86
14	0602	5	BKN011	3.00	HZ	54	12.2	44	6.5	31	-0.6	42	14	360		29.90			29.90	M	SP	29.86
14	0614	5	FEW250	7.00		54	12.2	44	6.4	30	-1.1	40	14	300		29.90			29.90	M	SP	29.86
14	0656	5	FEW055	8.00		54	12.2	43	6.2	29	-1.7	38	17	300	28	29.91			29.91	AA		29.87
14	0756	5	FEW055	6.00	HZ	56	13.3	44	6.4	27	-2.8	33	21	290	30	29.92			29.92	AA		29.88
14	0856	5	FEW055	9.00		59	15.0	44	6.6	23	-5.0	25	26	280	36	29.94			29.94	AA		29.90
14	0923	5	BKN013	2.50	BLDU	60	15.6	44	6.4	20	-6.7	21	37	280	44	29.94			29.94	M	SP	29.90
14	0931	5	BKN017	3.00	BLDU	60	15.6	44	6.6	21	-6.1	22	33	280	45	29.94			29.94	M	SP	29.90
14	0938	5	OVC017	1.75	BLDU	60	15.6	44	6.6	21	-6.1	22	34	280	43	29.94			29.94	M	SP	29.90
14	0956	5	BKN015	1.50	BLDU	60	15.6	44	6.6	21	-6.1	22	34	280	40	29.95			29.95	M	SP	29.91
14	0959	5	OVC013	2.00	BLDU	60	15.6	44	6.6	21	-6.1	22	32	280	40	29.95			29.95	M	SP	29.91
14	1019	5	BKN013	5.00	BLDU	61	16.1	44	6.7	20	-6.7	20	30	280	37	29.94			29.94	M	SP	29.90
14	1028	5	SCT013	9.00		61	16.1	44	6.7	20	-6.7	20	32	280	40	29.94			29.94	M	SP	29.90
14	1056	5	FEW055	10.00		62	16.7	44	6.9	19	-7.2	19	26	280	36	29.93			29.94	AA		29.89
14	1156	5	FEW055	10.00		63	17.2	45	7.1	19	-7.2	18	25	270	32	29.91			29.91	AA		29.87
14	1256	5	FEW055	10.00		64	17.8	45	7.4	19	-7.2	18	25	270		29.90			29.91	AA		29.86
14	1356	5	FEW055	10.00		64	17.8	45	7.3	18	-7.8	17	21	270		29.89			29.90	AA		29.85
14	1456	5	FEW055	10.00		63	17.2	45	7.1	19	-7.2	18	18	270		29.89			29.90	AA		29.85
14	1556	5	FEW060	10.00		61	16.1	44	6.7	20	-6.7	20	20	280		29.90			29.90	AA		29.86
14	1656	5	FEW065	10.00		57	13.9	42	5.7	21	-1.2	25	18	280		29.91			29.91	AA		29.87
14	1756	5	FEW065	10.00		55	12.8	42	5.6	24	-4.4	30	17	270		29.92			29.93	AA		29.88
14	1856	5	FEW070	10.00		54	12.2	42	5.3	24	-4.4	31	14	250		29.95			29.95	AA		29.91